

# Density of Lipschitz stable mappings in the boundary of the nice dimensions

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We define the Lipschitz nice-dimensions (l.n.d) as the pairs  $(n,p)$  for which the Lipschitz stable mappings form a dense set in the set of all smooth mappings  $f : N^n \rightarrow P^p$  with the Whitney topology. The aim is to show that the l.n.d contains Mather's nice dimensions and its boundary.

This is a joint work with Nhan Nguyen and Saurabh Trivedi.